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**AU4677496A ☐ 19960911****Title:** (ENG) Use of helioxanthin as an enhancer of cell differentiation inducing factors**Application Number:** AU 4677496 D**Application (Filing) Date:** 19960220**Priority Data:** JP 3270395 19950221 A X; JP 9600375 19960220 W X; JP 24899495 19950927 A X;**Inventor(s):** FUJISAWA YUKIO ; HAZAMA MASATOSHI ; IWAKAMI NORIHISA**Assignee/Applicant/Grantee:** TAKEDA CHEMICAL INDUSTRIES LTD**IPC (International Class):** A61K031365; A61K03136**JP9151132A ☐ 19970610 FullText****Title:** (ENG) MEDICINE FOR ENHANCING ACTION OF CELL DIFFERENTIATION- INDUCING FACTOR**Abstract:** (ENG)

**PROBLEM TO BE SOLVED:** To provide a medicine for enhancing the action of a cell differentiation-inducing factor, having e. g. a strong BMP action-enhancing activity, a bone formation-promoting activity and a neurotrophic factor-enhancing activity, and capable of being used for treating and preventing various bone diseases or neuropathies.

**SOLUTION:** This medicine for enhancing the action of a cell differentiation- inducing factor also as a bone disease or neuropathy- treating or preventing composition or as a bone formation- promoting medicine contains helioxanthin or its lactone-opened product or its salt (hereinafter referred to as helioxanthin, etc.). It is also defined as a composition containing helioxanthin, etc., and a cell differentiation- inducing factor or that using helioxanthin, etc.

**Application Number:** JP 3357096 A**Application (Filing) Date:** 19960221**Priority Data:** JP 3270395 19950221 A X; JP 3357096 19960221 A X; JP 24899495 19950927 A X;**Inventor(s):** FUJISAWA YUKIO ; HASAMA MASAOKI ; IWAGAMI NORIHISA**Assignee/Applicant/Grantee:** TAKEDA CHEMICAL INDUSTRIES LTD**IPC (International Class):** A61K03136; A61K03136; A61K031365; C07D31770; C07D49304; A61L02700**Other Abstracts for Family Members:** CHEMABS125(21)266050J[EPO Register](#)**WO9625929A1 ☐ 19960829 FullText****Title:** (ENG) USE OF HELIOXANTHIN AS AN ENHANCER OF CELL DIFFERENTIATION INDUCING FACTORS**Abstract:** (ENG) An enhancer for a cell differentiation inducing factor, a composition for preventing or treating a bone disease or a nerve degenerative disease, and an osteogenesis promoter, each of which comprises helioxanthin, or its lactone-open form compound or its salt.**Application Number:** JP 9600375 W**Application (Filing) Date:** 19960220**Priority Data:** JP 3270395 19950221 A I; JP 24899495 19950927 A I;**Inventor(s):** FUJISAWA YUKIO JP ; HAZAMA MASATOSHI JP ; IWAKAMI NORIHISA JP**Assignee/Applicant/Grantee:** TAKEDA CHEMICAL INDUSTRIES LTD JP; FUJISAWA YUKIO JP; HAZAMA MASATOSHI JP; IWAKAMI NORIHISA JP**Last Modification Date:** 20050526**IPC (International Class):** A61K031365; A61K03136

**ECLA (European Class):** A61K03136; A61K031365**Designated Countries:**

- Designated States: AL AM AU AZ BB BG BR BY CA CN CZ EE FI GE HU IS KG KR KZ LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TR TT UA US UZ VN AZ BY KG KZ MD RU TJ TM
- Regional Treaties: KE LS MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

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